

October 14, 2005

City of Glendale Fire/Environmental Management Center 780 Flower Street Glendale, CA 91201

ATTN: INSPECTOR FOSTER MCLEAN

SITE: FORMER 76 STATION 0353

200 SOUTH CENTRAL AVENUE

GLENDALE, CALIFORNIA

LARWQCB CASE NO. 912040107

GCFD PERMIT NO. 16671

RE: UNDERGROUND STORAGE TANK CLOSURE REPORT

Dear Inspector McLean:

On behalf of ConocoPhillips Company, TRC submits this underground storage tank closure report summarizing soil sampling activities conducted in association with the demolition of former 76 Station 0353 located 200 South Central Avenue, in Glendale, California. The contents of this report include:

Section 1 Summary Data

Section 2 Figures

Section 3 Table

Section 4 General Field Procedures

Section 5 Official Laboratory Reports

Section 6 Manifest and Tank Destruction Certificate

If you have any questions regarding this report, please call Mr. John Nordenstam with TRC at (949) 753-0101, or Ms. Shari London with ConocoPhillips Company at (714) 428-7720.

Sincerely,

TRC

Sean Owens Staff Scientist John Nordenstam, RG Senior Project Geologist

cc:

Ms. Shari London, ConocoPhillips Company (electronic copy only)

Mr. Peter Hayden, Caruso Affiliated (electronic copy only)

Mr. Mark Berry, Department of Development Services, City of Glendale (electronic copy only)

Mr. Jimmie Woo, Los Angeles Regional Water Quality Control Board

20-0948/0353R02.UST.doc

SECTION 1

SUMMARY DATA

SUTE INFORMATION			
Former 76 Station 03 200 South Central Av Glendale, California			
SCOPE OF WORK			
USTs, Dispen	val of two 20K-gallon gasoline one 550 gallon waste oil UST, five sers, associated product piping, two lic hoists and one clarifier.	Environmental Consultant: TRC General Contractor: Wayn	e Perry, Inc.
FIELD ACTIVITIES			
Soil excavation date(s): UST removal date(s): Soil sampling date(s): Condition of USTs: Onsite Agency inspector	July 13 through 21, 2005 July 18, 2005 July 18, 21, and 29, 2005 Gasoline USTs appeared intact upon visual inspection. Inspector Foster Mclean with City of Glendale Fire Department was onsite July 18 and 21, 2005 to witness the removal of the USTs	Product Line samples collected: Vent Line samples collected: Dispenser samples collected: Gasoline UST samples collected: Waste oil UST samples collected: Hoist samples collected: Clarifier samples collected: Import soil samples collected: Groundwater encountered (fbg):	6 3 5 8 2 2 2 2 3 NA
	and soil sampling activities.	Remedial excavation:	NA NA

LABORATORY ANALYSIS

Soil samples were submitted to a state-certified laboratory and analyzed for one or more of the following analyses:

- TRPH using EPA Method 418.1.
- TPH-G using EPA Method 8260B.
- BTEX, MTBE, DIPE, TAME, ETBE, TBA and Ethanol using EPA Method 8260B.
- VOCs using EPA Method 8260B.
- Total Lead using EPA Method 7421
- Title 22 (CAM 17) Metals using EPA Method Series 7000.

Refer to Table 1 and official laboratory reports for individual soil sample analyses and results.

Soil disposed (tons): 0 Soil disposal facility: NA UST destruction location: UST destruction location: American Metal Recycling, Fontana, CA Rinsate fluids quantity (gal): 1,000 Rinsate fluids disposal facility: Demenno/Kerdoon, Compton, CA

ADDITIONAL INFORMATION

The licensed professional in responsible charge supervised all work associated with project within the purview of the professional as defined in the Registered Geologists Act of the California Code of Regulations. The results of SCAQMD Rule 1166 air monitoring were submitted to SCAQMD under separate cover. Soil sampling activities were performed in accordance with CGFD sampling requirements. Based on existing monitoring wells at the site, groundwater is present at approximately 101 fbg.

SUMMARY DATA

FINDINGS

Gasoline UST Excavation

Max TPH-G: not detected (ND) in any of the soil samples collected. Max Benzene: not detected (ND) in any of the soil samples collected. Max MTBE: not detected (ND) in any of the soil samples collected.

Max Lead: 8.3 mg/kg (Soil Sample TC-1 collected from beneath the eastern gasoline UST at approx 17.0 fbg).

Wast Oil UST Excavation

Max TRPH: 790 mg/kg (Soil Sample WO-2 collected at approximately 8.0 fbg).

Max Benzene: not detected (ND) in any of the soil samples collected.

Max MTBE: not detected (ND) in any of the soil samples collected.

Max Lead: 13 mg/kg (Soil Sample WO-2 collected at approximately 8.0 fbg).

Dispensers

Max TPH-G: not detected (ND) in any of the samples collected. Max Benzene: not detected (ND) in any of the samples collected. Max MTBE: not detected (ND) in any of the samples collected.

Product Lines

Max TPH-G: not detected (ND) in any of the soil samples collected. Max Benzene: not detected (ND) in any of the soil samples collected. Max MTBE: not detected (ND) in any of the soil samples collected.

Vent Lines

Max TPH-G: not detected (ND) in any of the soil samples collected. Max Benzene: not detected (ND) in any of the soil samples collected. Max MTBE: not detected (ND) in any of the soil samples collected.

Hydraulic Hoists

Max TRPH: not detected (ND) in any of the soil samples collected.

Max TPH-G: not detected (ND) in any of the soil samples collected.

Max Benzene: not detected (ND) in any of the soil samples collected.

Max MTBE: not detected (ND) in any of the soil samples collected.

Clarifier

Max TRPH: not detected (ND) in any of the soil samples collected.

Max TPH-G: not detected (ND) in any of the soil samples collected.

Max Benzene: not detected (ND) in any of the soil samples collected.

Max MTBE: not detected (ND) in any of the soil samples collected.

VOCs: no VOC compounds detected (ND) in the soil samples collected.

Imported Backfill Material

Max TPH-G: not detected (ND) in any of the soil samples collected.

Max Benzene: not detected (ND) in any of the soil samples collected.

Max MTBE: not detected (ND) in any of the soil samples collected.

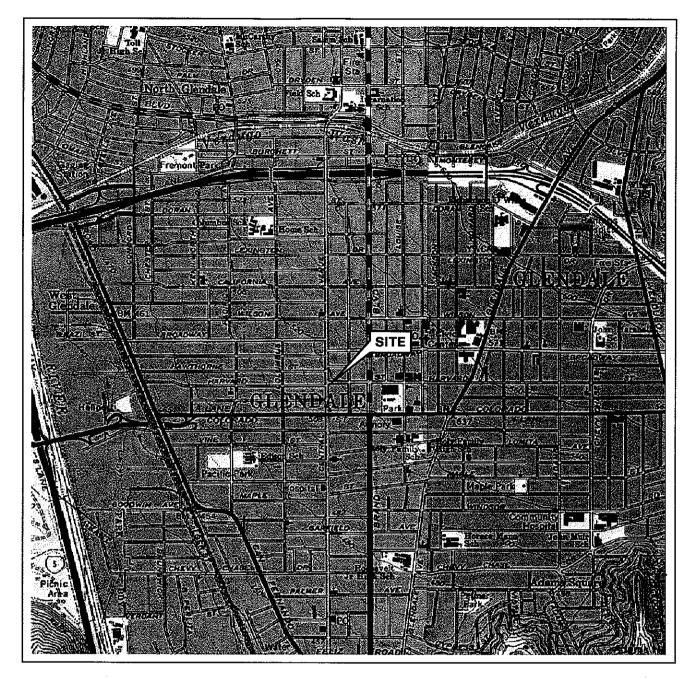
SUMMARY DATA

strict MTBE = methyl tertiary butyl ether
VOC = volatile organic compound
ft = feet
max = maximum
gw = groundwater
indicated gal = gallon
mg/kg = milligrams per kilogram
fbg = feet below grade
·
xylenes
•
mits oons ine

STATEMENT OF LIMITATIONS

The activities summarized in this report have been conducted in accordance with current practice and the standard of care exercised by geologists and engineers performing similar tasks in this area. No warranty, express or implied, is made regarding the conclusions and professional opinions presented in this report. The findings and conclusions are based solely upon an analysis of observed conditions. If actual conditions differ from those described in this report, our office should be notified.

SECTION 2





0 1/4 1/2 3/4 1 MILE

SCALE 1: 24,000

SOURCE:

United States Geological Survey 7.5 Minute Topographic Map: Pasadena Quadrangle

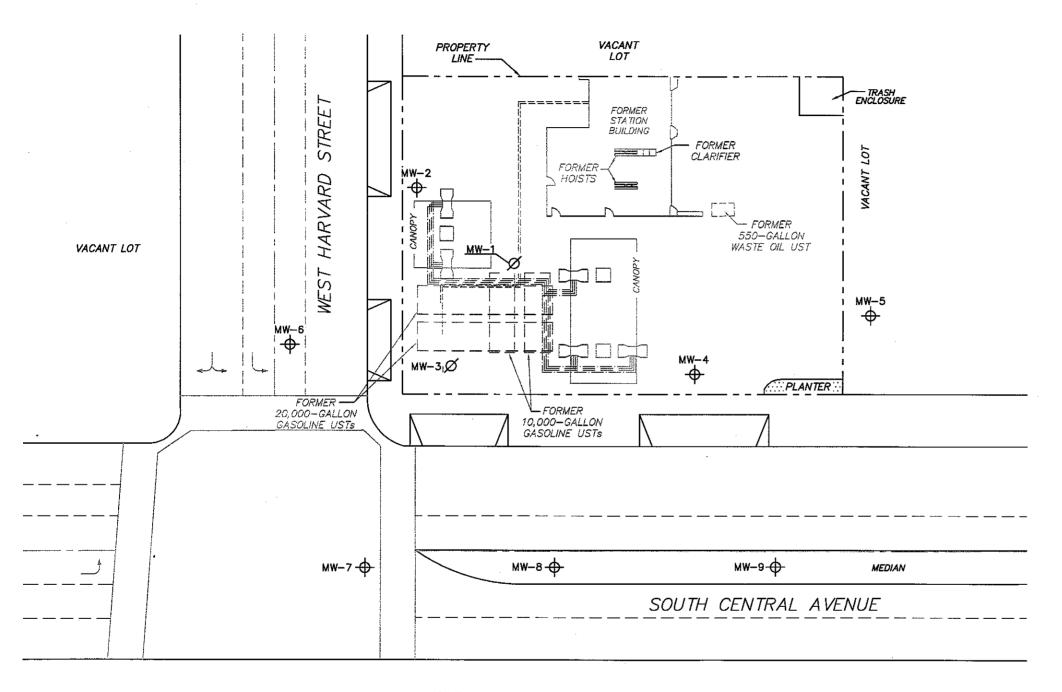
TRC



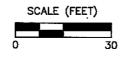
VICINITY MAP

Former 76 Station 0353 200 South Central Avenue Glendale, California

FIGURE 1



GLENDALE GALLERIA





LEGEND

MW-9 → Monitoring Well

MW-3 Ø Abandoned Monitoring Well

--- Former Product Line

--- Former Vapor Line

---- Former Vent Line

Former Dispenser Island

Canopy Support

NOTES:

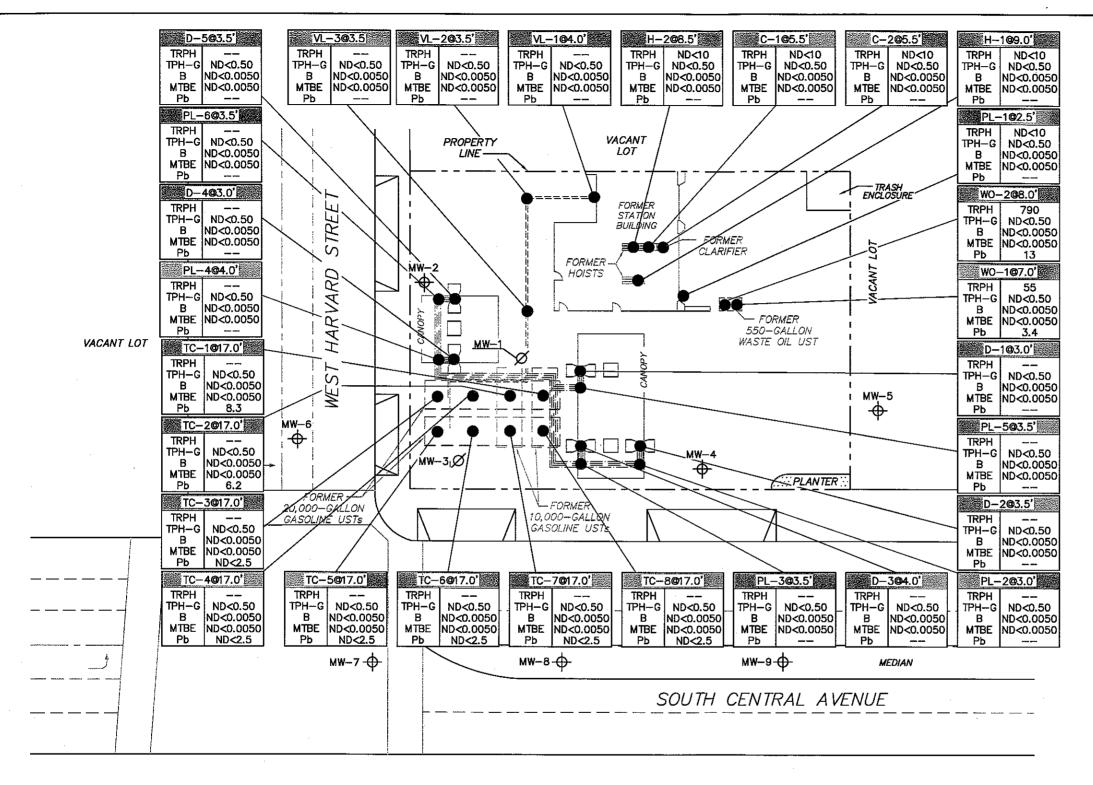
Modified from a map provided by EP Associates, dated 01/05. UST = underground storage tank.

SITE PLAN

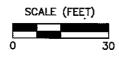
Former 76 Station 0353 200 South Central Avenue Glendale, California



FIGURE 2



GLENDALE GALLERIA





LEGEND Sample ID Soil Sample with TRPH mg/kg Petroleum Hydrocarbon TPH-G mg/kg Concentrations B mg/kg MTBE mg/kg (mq/kq)Pb mg/kg MW-9 ⊕ Monitoring Well MW-3 Ø Abandoned Monitoring Well Former Product Line - Former Vapor Line -----Former Vent Line Tormer Dispenser Island Canopy Support

NOTES:

TRPH = total recoverable petroleum hydrocarbons.

TPH-G = total petroleum hydrocarbons as gasoline.

B = benzene. MTBE = methyl tertiary butyl ether.

Pb = lead. mg/kg = milligrams per kilogram.

ND = not detected at limit indicated.

UST = underground storage tank.

-- = not analyzed, measured, or collected.

SOIL SAMPLE RESULTS

Former 76 Station 0353 200 South Central Avenue Glendale, California

TRC

FIGURE 3

SECTION 3

RESULTS OF LABORTORY ANALYSIS OF SOIL SAMPLES
Former 76 Station 0353

Lead	EPA 7421		8.3	6.2	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5	ND<2.5		3.4	13		ı	ı	1	1	ı		ı	ı	1	i	ı	
Ethanol	(Su Su)		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	ND<0.50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
IBA	i de		ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025		ND<0.025	ND<0.025		ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025		ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025	ND<0.025
TAME	(Su Sun)		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
EIBE	(Full Sun)		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
DIPE	8260B		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
MTBE	FPA Method 8260B	ion	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	tion	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Yelenes (me/len)	EP	Gasoline UST Excavation	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	UST Excavation	ND<0.0050	ND<0.0050	Dispensers	ND<0,0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	Product Lines	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Effiyi: benzene (mø/lør)	4	Gasoline U	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	Waste Oil U	ND<0.0050	ND<0.0050	Disp	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	Produ	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Foluene (me/ke)	de des		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	1	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
			ND<0.0050	ND<0.50 ND<0.0050		ND<0.50 ND<0.0050	ND<0.0050		ND<0.0050	ND<0.50 ND<0.0050	ND<0.0050	ND<0.50 ND<0.0050	ND<0.0050		ND<0.0050	ND<0.50 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050						
TPH-G Beazene (morke) (morke)	ř ř		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	ND<0.50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50		ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
FRPH (me/kg)	LPA 418.1		I	ı	į	1	ı	ı	ı	t		25	790		ľ	ı	:	ı	;		ı	ı	ı	ı	ı	-
Depth (flax)		i i	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0		7.0	8.0		3.0	3.5	4.0	3.0	3.5		2.5	3.0	3.5	4.0	3.5	3.5
Sample Date	1		7/21/2005	7/21/2005	7/21/2005	7/21/2005	7/21/2005	7/21/2005	7/21/2005	7/21/2005		7/18/2005	7/18/2005		7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005		7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005	7/18/2005
Sample			TC-1@17.0	TC-2@17.0	TC-3@17.0	TC-4@17.0	TC-5@17.0	TC-6@17.0	TC-7@17.0	TC-8@17.0		WO-1@7.0	WO-2@8.0		D-1@3.0	D-2@3.5	D-3@4.0	D-4@3.0	D-5@3.5		PL-1@2.5	PL-2@3.0	PL-3@3.5	PL-4@4.0	PL-5@3.5	PL-6@3.5

RESULTS OF LABORTORY ANALYSIS OF SOIL SAMPLES

Former 76 Station 0353

							Ethyl:	Tetal							
Sample	Sample Depth TRPH	Depth	TRPH	TPH-G	TPH-G Benzene	Toluene	benzene	Xylenes	MIBE	DIPE	EIBE	TAME	IBA	Ethanol	Lead
Number	Date	(O)	(fbg) (mg/kg)	(mg/kg)	(mg/kg) (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
			EPA 418.1					763	FPA Method 8260B	18260B					EPA 7421
							Ve	Vent Lines							
VL-1@4.0	7/18/2005	4.0	ŀ	ND<0.50	ND<0.50 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.50	1
VL-2@3.5	7/18/2005	3.5	1	ND<0.50	ND<0.0050	ND<0.50 ND<0.0050 ND<0.0050		ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.50	i
VL-3@3.5	7/18/2005	3.5	:	ND<0.50	ND<0.0050	ND<0.50 ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050 ND<0.0050 ND<0.0050		ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.50	!
							Hydra	Hydraulic Hoists							
H-1@9.0	7/18/2005	9.0	ND<10	ND<0.50	ND<0.50 ND<0.0050 ND<0.005	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050		ND<0.0050 ND<0.0050 ND<0.025	ND<0.025	ND<0.50	ı
H-2@8.5	7/21/2005	8.5	ND<10	ND<0.50	ND<0.50 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0,0050	ND<0.025	ND<0.50	1
							C	Clarifier							
C-1@5.5	7/21/2005	5.5	ND<10	ND<0.50	ND<0.50 ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.50	1
C-2@5.5	7/21/2005	5.5	ND<10	ND<0.50	ND<0.50 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.50	i
							Imported E	Imported Backfill Material	terial						
IS-1	7/29/2005	ŀ	ŀ	ND<0.50	ND<0.0050	ND<0.50 ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050 ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050 ND<0.025	ND<0.025	ND<0.50	ľ
IS-2	7/29/2005	ı	ı	ND<0.50	ND<0.0050	ND<0.50 ND<0.0050 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050 ND<0.025	ND<0.025	ND<0.50	i
IS-3	7/29/2005	1	1	ND<0.50	ND<0.50 ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.025	ND<0.50	ľ
NOTES:	TRPH =	= total r	totai recoverable petroleum hydrocarbons	roleum hydro	carbons		TBA	= t-butyl alcohol	loho						
	TPH-G	= total 1	total petroleum hydrocarbons as gasoline	ocarbons as g	gasoline		S	= non detec	non detect above the Method Detection Limit (MDL)	10d Detection L	imit (MDL)				
-	MTBE =	= methy	methyl tertiary butyl ether	ether			mg/kg	= milligram	milligrams per kilogram						
	DIPE =	= di-iso	di-isopropyl ether				fbg	= feet below grade	v grade						
	ETBE	= ethyl	ethyl t-butyl ether				ı	= not analyzed	pez						
	TAME =	= t-amy	t-amyl methyl ether				UST	= undergrou	underground storage tank						

SECTION 4

GENERAL FIELD PROCEDURES

The following is a description of general field procedures used during soil sampling activities.

EXCAVATION SOIL SAMPLING

Excavation soil samples are collected either by driving a stainless steel sample tube or EnCore® soil samplers directly into freshly uncovered soil, or from the backhoe bucket by driving the sampler into a relatively coherent and undisturbed portion of soil within the bucket. Excavated soil is temporarily stockpiled onsite. Stockpile samples are collected by shoveling below the surface of the pile and inserting a steel sample tube or EnCore® sampler into the soil.

SOIL SAMPLE HANDLING

Soil sample handling follows the same basic protocol for excavation activities. Upon retrieval, soil samples are immediately collected in accordance with EPA Method 5035. Each sample is labeled with the project number, boring/well number, sample depth, geologist's initials, and date of collection. After the samples have been labeled and documented in the chain of custody record, they are placed in a cooler with ice at approximately 4 degrees Celsius (°C) prior to and during transport to a state-certified laboratory for analysis.

CHAIN OF CUSTODY PROTOCOL

Chain of custody protocol is followed for all soil selected for laboratory analysis. The chain of custody forms(s) accompanies the samples from the sampling locality to the laboratory, providing a continuous record of possession prior to analysis.

SECTION 5

TRC Alton Geoscience		Project Name	Former 76 \$	Station 03	53				Λ.	h					CHAIN-OF-
21 Technology Drive		Project Address	·		55	_₹	\vdash	П	П	nalys			\Box	ω	CUSTODY
Irvine, California 92618			200 S. Centr), Air (A)			(8260B)		(8260)	5		Number of Containers	Page 1 of 1 Lab Project #:
Phone:(949) 753-0101; FAX: 949-75	2 D111	Project Number	Glendale, C	alifornia		Soil (S), Water (W),			line (§			5035 Extraction	<u>@</u>	Cont	05256
		ConocoPhillips PM				Wate	۳	TRPH (418.1)	Gasoline ((8260)	Fuel Oxygenates	SS EX	VOC's (8260B)	r of (03236
Contact: John Nordensta		<u>l</u>	Sampling	Sampling	Lab	(3)	Total Lead) Hd	TPH as (ĭ X	ő	A 503	g) s,ɔ	mbe	-
Sample ID	Sample	Location	Date	Time	ID	Soil	Ĕ	TR	匝	втех	표	EPA	Š	2	Comments
WO-1 @ 7.0'			18-Jul-05	1415	1	s	Х	Х	Х	Х	Х	Х			
WO-2 @ 8.0'			18-Jul-05	1420	2	s	Х	Х	Х	Х	Х	Х			
PL-1 @ 2.5'			18-Jul-05	1430	3	s		Ш	Х	Х	Х	Х			
D-1 @ 3.0'			18-Jul-05	1440	4	s			х	Х	х	Х			
PL-2 @ 3.0'			18-Jul-05	1455	5	s			Х	Х	х	х			
D-2 @ 3.5'			18-Jul-05	1505	6	s			х	х	х	Х			
D-3 @ 4.0'			18-Jul-05	1315	7	s			х	Х	х	х			
PL-3 @ 3.5'			18-Jul-05	1420	8	s			х	Х	х	Х			
D-4 @ 3.0'			18-Jul-05	1445	9	S			Х	Х	Х	Х			
PL-4 @ 4.0'			18-Jul-05	1555	10	s			х	Х	х	Х			
PL-5 @ 3.5'			18-Jul-05	1600	11	s			Х	Х	Х	Х			
D-5 @ 3.5'			18-Jul-05	1605	12	s			х	х	Х	Х			
PL-6 @ 3.5'			18-Jul-05	1610	13	s			х	Х	Х	Х			
H-1 @ 9.0'			18-Jul-05	1635	14	s		Х	х	Х	Х	Х			
VL-1 @ 4.0'			18-Jน -05	1645	15	s			х	Х	х	Х			
VL-2 @ 3.5'			18-Jul-05	1650	16	s			Х	х	Х	Х			
VL-3 @ 3.5'			18-Jul-05	1700	17	s			х	Х	х	Х			
	i			1											
Turnaround Time: On-Site Mobile	e Laboratory;	samples were r	relinquished at t	ne date show	/n abo	ve (u	nles	s oth	ıerwi	se n	oted).			
Sample Condition: Chilled?		Sealed? Y /													
Relinquished by		Received b	oy Brian Kato)		Sp	ecia	al In	ıstru	ıctio	ons	:			
signature: X_Son_Olu	w_	signature: X_	Br-1Cot	5	_		Inc	lude	e El	thai	nol	with	אס נ	ιygε	enates
of TRC Alton Geoscience	€	of Baseline	e Analytical S	Services											

Phone: (888) 753-7553 FAX: (714) 840-1584

TR (Froject Name	~ 7/. CL	E A	r 2				Re	ques ralys			CHAIN-OF-CUS	TODY
Client Address	Project Address	76 St S. Cent le, (A) 09480 Sampling Date	<u>апон U.S</u> 	<u>.55</u>	Ξ		\vdash		aiys	-S	√	RECORD	1
21 Technology Dr.	1200	S. Cent	ral All	2	Vapo	S	3	(3)	Q		Sec. 8	Page of Laboratory Projec	<u> </u>
Invine, (A "92618	Project Number	le, (A	91200	<u>L</u>	<u>Š</u>	tainer	26.0	260	8260R	~		Laboratory Projet	<i>₁</i> ι #.
Phone: 949-7530101FAX:949-7530111	20	09480	5		ater	Con	81-	8	8	Lead	100		
Contact: John Nordenstam					S), W	er of	4~(X	, ~ , ~	74			
Sample ID		Sampling Date	Sampling Time	Lab ID	Soil (Num	11	KT.	6	(2)	42	Comments	+
T(-) Q 17'		7/21/05	1015		S	3	χ	X	χ	X			
TC-20 17'		7/21/05	1020		5	3	χ	χ	X	X			
TC-30 17'		7/21/05	1625		5	2	X	X	Ż	X		~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~	
TC-42 17'		_	1030		5	3	X	X	χ̈́	χ			
TC-50 17'		7/21/65	1035		5	7	X	X	χ	χ̈́			
TC-60 17'		7/21/05	1040		5	3	$\overrightarrow{\chi}$	$\overleftarrow{\chi}$	Ϋ́	Ϋ́			
76-72171		7/21/05			5	ζ	Ϋ́	X	Ż	Ż			
Tr-82 17'		7/21/05	,		5	3	Ϋ́	$\langle \chi \rangle$	\Diamond	Ŷ			
C-1055'			1110		5	3	Ŷ	$\langle \rangle$	\Diamond	$ \Delta $	Y	Also: TRPH	
C-2 2 5.5'			1125		5	3	$\overleftarrow{\lambda}$	Ϋ́	Ŷ		\Diamond	Also: TRPH	
H-2 2 8.5'			1145		5	1	$\overleftrightarrow{\chi}$	Ϋ́	\Diamond		*		
11 2 60 6.5		1171603	11-17					$\stackrel{\wedge}{\rightarrow}$	Λ	-		1218	
					-						w 11 14.000		
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		1								$\vdash \mid$			
1. Relinquished by	2. Receive	d bv	<u> </u>	<u></u>	Tu	rn:	iro	 Արք	iT t	<u></u> me	<u>└</u> !:		
	, ,	BUK	1/1								Not	es:	
Signature: X Sea Olim	Signature: X		000	_									
Date/Time: 7/21/05		7/21/05	1622	<u></u>									
3. Relinquished by	4. Receive	ed by											
Signature: X	Signature: >	<u> </u>											
		•		٠	Sa	mpl	e C	onc	litio	n:		Sealed? Y / N Chilled? Y / N	
Date/Time	Date/Time:				1							CHINEU(Y / I	4

FAX: (714) 840-1584



Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Report Date: 7/27/05 Lab Project Number: 05256

Client Project Number: 20094805

Project Name: Former 76 Station 0353 Project Address: 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Dates Sampled: 7/18-21/05 **Dates Received:** 7/18-21/05 **Dates Analyzed:** 7/18-21/05

Sample Matrix: Soil

Analyses Requested:

- 1. EPA 8260B Total Petroleum Hydrocarbons as Gasoline (TPH-G)
- 2. EPA 8260B Volatile Aromatics (BTEX)
- 3. EPA 8260B Fuel Oxygenates
- 4. EPA 8260B Volatile Organic Compounds (VOC's)
- 5. EPA 5035 Closed-System Purge & Trap and Extraction for Volatile Organics in Soil Samples
- 6. EPA 418.1 Total Recoverable Petroleum Hydrocarbons (TRPH)
- 7. EPA 7421 Total Lead

Baseline received samples collected from the project shown above. A Chain-of-Custody Record (COC) is attached.

All of the samples were analyzed for the parameters shown above per the COC. In this report, *Baseline* presents the results and a QA/QC summary for these analyses.

Approved

Brian K. Kato, Laboratory Manager

Bran K.K.



Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353 Project Address: 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Report Date: 7/27/05

Lab Project Number: 05256

Client Project Number: 20094805

Dates Sampled: 7/18-21/05 **Dates Received:** 7/18-21/05 **Dates Analyzed:** 7/18-21/05

Sample Matrix: Soil

Total Petroleum Hydrocarbons as Gasoline (TPH-G) and Volatile Aromatics (BTEX) Results

Constituent:	TPH-G	Benzene	Toluene	Ethylbenzene	Total Xylenes
Method:	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample ID			0.0000000000000000000000000000000000000		
D-1 @ 3.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
D-2 @ 3.5'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
D-3 @ 4.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
D-4 @ 3.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
D-5 @ 3.5'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
PL-1 @ 2.5'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
PL-2 @ 3.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
PL-3 @ 3.5'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
PL-4 @ 4.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
PL-5 @ 3.5'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
PL-6 @ 3.5'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
VL-1 @ 4.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
VL-2 @ 3.5'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
VL-3 @ 3.5'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
TC-1 @ 17	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
TC-2 @ 17	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
TC-3 @ 17	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
TC-4 @ 17	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
TC-5 @ 17	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
TC-6 @ 17	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
TC-7 @ 17	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
TC-8 @ 17	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
C-1 @ 5.5	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
C-2 @ 5.5	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
H-1 @ 9.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
H-2 @ 8.5	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
WO-1 @ 7.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
WO-2 @ 8.0'	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
Method Blank	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
MDL	0.25	0.0020	0.0020	0.0020	0.0020



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Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353 Project Address: 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Report Date: 7/27/05 Lab Project Number: 05256

Client Project Number: 20094805

Dates Sampled: 7/18-21/05 Dates Received: 7/18-21/05 Dates Analyzed: 7/18-21/05

Sample Matrix: Soil

Fuel Oxygenates Results

Constituent:	MTBE	TBA	DIPE	ETBE	TAME	Ethanol
Method:	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035	8260B/5035
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample ID						and the second
D-1 @ 3.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
D-2 @ 3.5'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
D-3 @ 4.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
D-4 @ 3.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
D-5 @ 3.5'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
PL-1 @ 2.5'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
PL-2 @ 3.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
PL-3 @ 3.5'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
PL-4 @ 4.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
PL-5 @ 3.5'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
PL-6 @ 3.5'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
VL-1 @ 4.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
VL-2 @ 3.5'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
VL-3 @ 3.5'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TC-1 @ 17	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TC-2 @ 17	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TC-3 @ 17	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TC-4 @ 17	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TC-5 @ 17	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TC-6 @ 17	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TC-7 @ 17	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
TC-8 @ 17	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
C-1 @ 5.5	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
C-2 @ 5.5	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
H-1 @ 9.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
H-2 @ 8.5	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
WO-1 @ 7.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
WO-2 @ 8.0'	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
	ND -0 00==	NEC .C. CCT	ND -0 0075	ND .c com	ND -0 0050	ND :0 50
Method Blank	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
MDL	0.0020	0.020	0.0020	0.0020	0.0020	0.25

Fuel Oxygenates:

MTBE:

Methyl-tert Butyl Ether

DIPE:

Di-Isopropyl Ether

TAME:

t-Amyl Methyl Ether

ETBE:

Ethyl-t-Butyl Ether

TBA: t-Butanol



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Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353 **Project Address:** 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Report Date: 7/27/05

Lab Project Number: 05256

Client Project Number: 20094805

Dates Sampled: 7/18-21/05 **Dates Received:** 7/18-21/05

Dates Analyzed: 7/18-21/05

Sample Matrix: Soil

Total Recoverable Petroleum Hydrocarbons (TRPH) Results

Constituent:	TRPH
Method:	418.1
Units:	mg/kg
Sample ID	
WO-1 @ 7.0'	55
WO-2 @ 8.0'	790
C-1 @ 5.5	ND<10
C-2 @ 5.5	ND<10
H-1 @ 9.0'	ND<10
H-2 @ 8.5	ND<10
Method Blank	ND<10
MDL	5.0

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Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353

Project Address: 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Report Date: 7/27/05

Lab Project Number: 05256 Client Project Number: 20094805

Dates Sampled: 7/18-21/05 **Dates Received:** 7/18-21/05 **Dates Analyzed:** 7/18-21/05

Sample Matrix: Soil

Total Lead Results

Constituent:	Total Lead
Method:	7421
Units:	mg/kg
Sample ID	
TC-1 @ 17	8.3
TC-2 @ 17	6.2
TC-3 @ 17	ND<2.5
TC-4 @ 17	ND<2.5
TC-5 @ 17	ND<2.5
TC-6 @ 17	ND<2.5
TC-7 @ 17	ND<2.5
TC-8 @ 17	ND<2.5
WO-1 @ 7.0'	3.4
WO-2 @ 8.0'	- 13
Method Blank	ND<2.5

Note: Analyses Performed by Southland Technical Services, Inc.

ND: Not detected at the indicated reporting limit (PQL)

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Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353 **Project Address:** 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Report Date: 7/27/05 Lab Project Number: 05256 Client Project Number: 20094805

> Dates Sampled: 7/18-21/05 Dates Received: 7/18-21/05 Dates Analyzed: 7/18-21/05

Sample Matrix: Soil

Volatile Organic Compounds (EPA 8260B) - Part I

EPA Method:	8260B	8260B	****	8260B
Units:		μg/kg		μg/kg
Dilution Factor:		1		1
Sample ID:		C-2 @ 5.5		Method Blank
Compound Name				4.7
Volatile Aromatics (BTEX)		74.000		
Benzene	ND<5.0	ND<5.0		ND<5.0
Toluene	ND<5.0	ND<5.0		ND<5.0
Ethylbenzene	ND<5.0	ND<5.0		ND<5.0
Total Xylenes	ND<5.0	ND<5.0		ND<5.0
Fuel Oxygenates				
Methyl t-Butyl Ether (MTBE)	ND<5.0	ND<5.0		ND<5.0
t-Butanol (TBA)	ND<25	ND<25	:	ND<25
Di-Isopropyl Ether (DIPE)	ND<5.0	ND<5.0		ND<5.0
Ethyl t-Butyl Ether (ETBE)	ND<5.0	ND<5.0		ND<5.0
t-Amyl Methyl Ether (TAME)	ND<5.0	ND<5.0		ND<5.0
Non-Halogenated VOC's		100000000000000000000000000000000000000	and the angles of the second	
n-Butylbenzene	ND<5.0	ND<5.0		ND<5.0
sec-Butylbenzene	ND<5.0	ND<5.0		ND<5.0
tert-Butylbenzene	ND<5.0	ND<5.0		ND<5.0
Isopropylbenzene	ND<5.0	ND<5.0		ND<5.0
p-isopropyltoluene	ND<5.0	ND<5.0		ND<5.0
Naphthalene	ND<5.0	ND<5.0		ND<5.0
n-Propylbenzene	ND<5.0	ND<5.0		ND<5.0
Styrene	ND<5.0	ND<5.0		ND<5.0
1,2,4-Trimethylbenzene	ND<5.0	ND<5.0		ND<5.0
1,3,5-Trimethylbenzene	ND<5.0	ND<5.0		ND<5.0
Halogenated VOC's (HVOC's)		Charles States		
Bromobenzene	ND<5.0	ND<5.0	ON THE PROPERTY OF THE PARTY OF	ND<5.0
Bromochloromethane	ND<5.0	ND<5.0		ND<5.0
Bromoform	ND<5.0	ND<5.0		ND<5.0
Bromomethane	ND<5.0	ND<5.0		ND<5.0
Carbon Tetrachloride	ND<5.0	ND<5.0		ND<5.0
2-Chlorotoluene	ND<5.0	ND<5.0		ND<5.0
4-Chlorotoluene	ND<5.0	ND<5.0		ND<5.0
Chlorobenzene	ND<5.0	ND<5.0		ND<5.0
Chloroethane	ND<5.0	ND<5.0		ND<5.0
Chloroform	ND<5.0.	ND<5.0		ND<5.0
Chloromethane	ND<5.0	ND<5.0		ND<5.0

ND: Not detected at the indicated reporting limit; MB: Method Blank



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Laboratory Report

Client: TRC Alton Geoscience Client Address: 21 Technology Drive

Irvine, California

Report Date: 7/27/05 Lab Project Number: 05256 Client Project Number: 20094805

Project Name: Former 76 Station 0353 Project Address: 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Dates Sampled: 7/18-21/05 Dates Received: 7/18-21/05 Dates Analyzed: 7/18-21/05

Sample Matrix: Soil

Volatile Organic Compounds (EPA 8260B) - Part II

EPA Method:	8260B	8260B	8260B
Units:	μ g/kg	μg/kg	μg/kg
Dilution Factor:	1	1	1
Sample ID:	C-1 @ 5.5	C-2 @ 5.5	Method Blank
Compound Name			The Control of Control
HVOC's, continued		art constant	Process of the second s
Dibromochloromethane	ND<5.0	ND<5.0	ND<5.0
1,2-Dibromo-3-Chloropropane	ND<5.0	ND<5.0	ND<5.0
1,2-Dibromomethane	ND<5.0	ND<5.0	ND<5.0
1,2-Dichlorobenzene	ND<5.0	ND<5.0	ND<5.0
1,3-Dichlorobenzene	ND<5.0	ND<5.0	ND<5.0
1,4-Dichlorobenzene	ND<5.0	ND<5.0	ND<5.0
Dichlorodifluoromethane	ND<5.0	ND<5.0	ND<5.0
1,1-Dichloroethane	ND<5.0	ND<5.0	ND<5.0
1,2-Dichloroethane	ND<5.0	ND<5.0	ND<5.0
1,1-Dichloroethene	ND<5.0	ND<5.0	ND<5.0
cis-1,2-Dichloroethene	ND<5.0	ND<5.0	ND<5.0
trans-1,2-Dichloroethene	ND<5.0	ND<5.0	ND<5.0
1,2-Dichloropropane	ND<5.0	ND<5.0	ND<5.0
1,3-Dichloropropane	ND<5.0	ND<5.0	ND<5.0
2,2-Dichloropropane	ND<5.0	ND<5.0	ND<5.0
1,1-Dichloropropene	ND<5.0	ND<5.0	ND<5.0
Hexachlorobutadiene	ND<5.0	ND<5.0	ND<5.0
Methylene Chloride	ND<5.0	ND<5.0	ND<5.0
Tetrachloroethene	ND<5.0	ND<5.0	ND<5.0
1,1,1,2-Tetrachloroethane	ND<5.0	ND<5.0	ND<5.0
1,1,2,2-Tetrachloroethane	ND<5.0	ND<5.0	ND<5.0
1,2,3-Trichlorobenzene	ND<5.0	ND<5.0	ND<5.0
1,2,4-Trichlorobenzene	ND<5.0	ND<5.0	ND<5.0
1,1,1-Trichloroethane	ND<5.0	ND<5.0	ND<5.0
1,1,2-Trichloroethane	ND<5.0	ND<5.0	ND<5.0
Trichloroethene	ND<5.0	ND<5.0	ND<5.0
Trichlorofluoromethane	ND<5.0	ND<5.0	ND<5.0
1,2,3-Trichloropropane	ND<5.0	ND<5.0	ND<5.0
Vinyl Chloride	ND<5.0	ND<5.0	ND<5.0

ND: Not detected at the indicated reporting limit; MB: Method Blank

Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353

Project Address: 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Report Date: 7/27/05

Lab Project Number: 05256

Client Project Number: 20094805

Dates Sampled: 7/18-21/05

Dates Received: 7/18-21/05 **Dates Analyzed:** 7/18-21/05

Sample Matrix: Soil

Quality Control Summary

	MS	MSD		<u></u>
Analytes	Recovery	Recovery	RPD	QC .
	(%)	(%)	(%)	Sample
TPH-G (EPA 8260B)	95	93	2	D-1 @ 3.0'
Benzene (8260B)	93	91	2	D-1 @ 3.0'
Toluene (8260B)	95	92	3	D-1 @ 3.0'
MTBE (8260B)	96	92	4	D-1 @ 3.0'
TPH-G (EPA 8260B)	91	95	4	TC-1 @ 17
Benzene (8260B)	92	98	6	TC-1 @ 17
Toluene (8260B)	89	97	9	TC-1 @ 17
MTBE (8260B)	91	96	5	TC-1 @ 17
TRPH (EPA 418.1)	96	91	5	LCS/LCSD
TRPH (EPA 418.1)	88	89	1	H-1 @ 9.0'
<u>8260B</u>				-
1,1-Dichloroethene	96	90	6	C-1 @ 5.5
Benzene	. 96	91	5	C-1 @ 5.5
Trichloroethene	97	93	4	C-1 @ 5.5
Toluene	96	90	6	C-1 @ 5.5
Chlorobenzene	93	89	4	C-1 @ 5.5
Acceptable QC Limits:	(65-135)	(65-135)	(0-30)	

LCS/LCSD: Lab Control Sample/Duplicate

MS: Matrix Spike; MSD: Matrix Spike Duplicate; RPD: Relative Percent Difference

Client Name TLC	Project Name Former 76 Station 4444 at a project Address 200 5. Central Calendale, CA Project Number 200 94805			(Requested Analyses			CHAIN-OF-CUSTODY RECORD					
Client Address 21 Technology	200 S. Central				apor (82605				Page		of I	
Irvine, CA 92618	Glendale, CA				۷), ۷	iners	2	18)	7			Labor	atory F	Project #	‡:
21 Technology Trvine, LA 92618 Phone: 949. 753210, FAX: 149, 753.011 Contact: J. Nordenstam	Project Number 2 00 94805			Soil (S), Water (W), Vapor (V)	Number of Containers	r68015m	roxys	mital			0	53	03		
Sample ID		Sampling Date	Sampling Time	Lab ID	ioil (S),	lumber	7PH G	BTEX	AC.				Comn	nents	_
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Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353

Project Address: 200 S. Central Avenue

Glendale, California

Contact: John Nordenstam

Report Date: 8/5/05

Lab Project Number: 05304

Client Project Number: 20094805

Dates Sampled: 7/29/05

Dates Received: 7/29/05

Dates Analyzed: 7/30/05

Sample Matrix: Soil

Analyses Requested:

1. EPA 8260B - Total Petroleum Hydrocarbons as Gasoline (TPH-G)

2. EPA 8260B - Volatile Aromatics (BTEX)

3. EPA 8260B - Fuel Oxygenates

4. EPA Series 7000 - Title 22 (CAM 17) Metals

Baseline received samples collected from the project shown above. A Chain-of-Custody Record (COC) is attached.

All of the samples were analyzed for the parameters shown above per the COC. In this report, Baseline presents the results and a QA/QC summary for these analyses.

Approved

Brian K. Kato, Laboratory Manager



Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353

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Glendale, California

Contact: John Nordenstam

Report Date: 8/5/05

Lab Project Number: 05304

Client Project Number: 20094805

Dates Sampled: 7/29/05

Dates Received: 7/29/05

Dates Analyzed: 7/30/05

Sample Matrix: Soil

Total Petroleum Hydrocarbons as Gasoline (TPH-G) and Volatile Aromatics (BTEX) Results

Constituent:	TPH-G	Benzene	Toluene	Ethylbenzene	Total Xylenes
Method:	8260B	8260B	8260B	8260B	8260B
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample ID				121001414	
IS-1	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
IS-2	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050
IS-3	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0:0050
Method Blank	ND<0.50	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.0050



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Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353

Project Address: 200 S. Central Avenue

Glendale, California
Contact: John Nordenstam

Report Date: 8/5/05 Lab Project Number: 05304 Client Project Number: 20094805

> Dates Sampled: 7/29/05 Dates Received: 7/29/05 Dates Analyzed: 7/30/05

Sample Matrix: Soil

Fuel Oxygenates Results

Constituent:	MTBE	TBA	DIPE	ETBE	TAME	Ethanol
Method:	8260B	8260B	8260B	8260B	8260B	8260B
Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Sample ID						
IS-1	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
IS-2	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
IS-3	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50
Method Blank	ND<0.0050	ND<0.025	ND<0.0050	ND<0.0050	ND<0.0050	ND<0.50

Fuel Oxygenates:

MTBE:

Methyl-tert Butyl Ether

wearyr-tert butyr Ether

.1 T0---

t-Amyl Methyl Ether

,

DIPE: ETBE: Di-Isopropyl Ether Ethyl-t-Butyl Ether

TBA: t-Butanol

ND: Not detected at the indicated reporting limit (PQL)

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Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 3123

Project Address: 12823 East Hadley Street

Whittier, California

Contact: John Nordenstam

Report Date: 7/18/05

Lab Project Number: 05253

Client Project Number: 20041016

Dates Sampled: 7/11/05

Dates Received: 7/11/05

Dates Analyzed: 7/13/05

Sample Matrix 1: Soil

Title 22 Metals Results

	Sample ID:	IS-1	IS-2	IS-3	Method Blank	PQL	Units
Element	EPA Method	1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1					
Antimony (Sb)	7040	ND<5.0	ND<5.0	ND<5.0	ND	5.0	mg/kg
Arsenic (As)	7060	ND<0.30	ND<0.30	ND<0.30	ND	0.30	mg/kg
Barium (Ba)	7080	59	36	48	ND	10	mg/kg
Beryllium (Be)	7090	ND<1.5	ND<1.5	ND<1.5	NĎ	1.5	mg/kg
Cadmium (Cd)	7130	ND<1.5	ND<1.5	ND<1.5	ND	1.5	mg/kg
Chromium (Cr)	7190	ND<2.5	ND<2.5	ND<2.5	ND	2.5	mg/kg
Cobalt (Co)	7200	ND<2.5	ND<2.5	ND<2.5	ND	2.5	mg/kg
Copper (Cu)	7210	3.5	7.9	5.5	ND	2.5	mg/kg
Lead (Pb)	7420	ND<2.5	ND<2.5	ND<2.5	ND	2.5	mg/kg
Mercury (Hg)	7471	ND<0.030	ND<0.030	ND<0.030	ND	0.030	mg/kg
Molybdenum (Mo)	7480	ND<5.0	ND<5.0	ND<5.0	ND	5.0	mg/kg
Nickel (Ni)	7520	ND<2.5	ND<2.5	ND<2.5	ND	2.5	mg/kg
Selenium (Se)	7740	ND<0.30	ND<0.30	ND<0.30	ND	0.30	mg/kg
Silver (Ag)	7760	ND<2.5	ND<2.5	ND<2.5	ND	2.5	mg/kg
Thallium (TI)	7840	ND<2.5	ND<2.5	ND<2.5	ND	2.5	mg/kg
Vanadium (V)	7910	9.5	8.0	11 -	ND	10	mg/kg
Zinc (Zn)	7950	13	21	18	ND	1.0	mg/kg

Note: The Title 22 metals analysis shown above was performed by Southland Technical Services, Inc.

ND: Not detected at the indicated Practical Quantification Limit (PQL)



Toll Free: 888.753.7553 FAX: 714.840.1584

Laboratory Report

Client: TRC Alton Geoscience

Client Address: 21 Technology Drive

Irvine, California

Project Name: Former 76 Station 0353

Project Address: 200 S. Central Avenue

Glendale, California
Contact: John Nordenstam

Report Date: 8/5/05 Lab Project Number: 05304

Client Project Number: 20094805

Dates Sampled: 7/29/05

Dates Received: 7/29/05 **Dates Analyzed:** 7/30/05

Sample Matrix: Soil

Quality Control Summary

	MS	MSD		,
Analytes	Recovery	Recovery	RPD	QC
	(%)	(%)	(%)	Sample
TPH-G (EPA 8260B)	105	97	7.9	IS-3
Benzene (8260B)	102	91	11	IS- <u>3</u>
Toluene (8260B)	102	90	13	IS-3
MTBE (8260B)	104	92	12	IS-3
Acceptable QC Limits:	(65-135)	(65-135)	(0-30)	

SECTION 6

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